

CRFI 0320



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RAW SEQUENCE LISTING

DATE: 03/06/2002

PATENT APPLICATION: US/09/990,099

TIME: 07:12:02

Input Set : N:\Crf3\Datahold\EFS\09990099\p0012US20.ST25.txt

Output Set: N:\CRF3\03062002\I990099.raw

3 <110> APPLICANT: Lesley, Scott A.
 4 Knuth, Mark
 6 <120> TITLE OF INVENTION: Solubility Reporter Gene Constructs
 8 <130> FILE REFERENCE: P0012US20
 10 <140> CURRENT APPLICATION NUMBER: 09/990,099
 11 <141> CURRENT FILING DATE: 2001-11-21
 13 <150> PRIOR APPLICATION NUMBER: US 09/721,340
 14 <151> PRIOR FILING DATE: 2000-11-21
 16 <150> PRIOR APPLICATION NUMBER: US 60/324,833
 17 <151> PRIOR FILING DATE: 2001-09-24
 19 <160> NUMBER OF SEQ ID NOS: 43
 21 <170> SOFTWARE: PatentIn version 3.1
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 300
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Escherichia coli
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 31 tatactccca catatgccag attcagcaac ggatacggct tccccactt gccacttcc 120
 33 atacgtgtcc tccttaccag aaatttatcc ttaagtcct caataacat tttcctgcta 180
 35 actaaattca tggtaagggt tgcataatga tatgcaacaa atgtataata tttcctttac 240
 37 aaaaaaata aacaaaagcg accgacaaaa gcatcggatt acggcaggag acataatggc 300
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 41 <211> LENGTH: 300
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 43 <213> ORGANISM: Escherichia coli
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 48 gggcaacaat cacgttgaag ccttccatct cgagcagctc ctttaatagg gaagtcagct 120
 50 ctcggtcatc atcaactaac aggattttat tcattgttta aatacctccg aggcagaaat 180
 52 tacgtcatca gacgtcgcta atccatgact ttacgttggt ttacaccccc tgacgcatgt 240
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 58 <211> LENGTH: 300
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 65 ctaaacgaaa tccatgtgtg aagttgatca caaatttaaa cactggtagg gtaaaaagggt 120
 67 cattaactgc ccaattcagg cgtcaactgg tttgattgta cattccttaa ccggaggggtg 180
 69 taagcaaac cgctacgctt gttacagaga ttgcatcctg caattcccgc tccccttttg 240
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ENTERED

See page 5

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82 tgtttttata cgtctggatg tctaaactag catgaatatt cgcgggcgca tcctgaagaa      120
84 ttggcataaa gcagaaaatt ttcgcaaatg gcgtgctggt gactttttta ctgcgtaaac      180
86 gcaaggaaaa gaaagcaaag gtacggcagt atgcaaatag taatgagaac gactatcaat      240
88 tcgacgtcgt tttgatatta ttatgcgcag attttgtgac ttgcgtcctg gagatacaca      300
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92 <211> LENGTH: 300
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94 <213> ORGANISM: Escherichia coli
96 <400> SEQUENCE: 5
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99 aaaatcaatt tatgtaaaaa gtcacatcat tgtagttaa aaggttgagt tagatcgcag      120
101 aaacgggtac atatagcccc gcaaacgtga ccacgccgcg agatattact taaatcagag      180
103 ccatagaggc cagcaggcg aggcataat ctttacgac tgtataaaga cggattgttg      240
105 atgatgtgtt aaaattgatg taaacaaatt gtgaagtga tgtgcttccg gggaaaataa      300
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111 <213> ORGANISM: Escherichia coli
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116 attaatcaac gaaattataa tgtttctaaa attagaatat aatttataaa cattatttaa      120
118 atgttggttac ttaagtgtta cgttgatgc cgcgcaaate tcacctgcaa taaagcgact      180
120 aaaagtaagg cattaacaag                                     200
123 <210> SEQ ID NO: 7
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126 <213> ORGANISM: Escherichia coli
128 <400> SEQUENCE: 7
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131 tcaacttcca gcttgatggc aaaacgatcg agcaacgccc gctgggttg tgcaagaaa      120
133 tcccgggaagg taacttcttc ggcaaaatca ttgattacat taaattaatg ttccatcact      180
135 ggtttggtta aaaattaaac acttgaaaagt gtaatttccg tccccatata ctaagcatca      240
137 gtaaaaaact cccgccttct ggcgggagtt gctatttaat tacgttacgc cggagctgac      300
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142 <212> TYPE: DNA
143 <213> ORGANISM: Escherichia coli
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148 gattttccga atttagccct taaatcatca acaatgcgtg tggatgccat ttgcagacg      120
150 gcgcgaaaaat ggtactttta agggctattg cggtaagttg accataattt attcgtctta      180
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155 <210> SEQ ID NO: 9
156 <211> LENGTH: 300

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Input Set : N:\Crf3\Datahold\EFS\09990099\p0012US20.ST25.txt

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163 gtttattgct ttagttgtac gatgcaaaaa ccaataagga aacctgtgat ttccagctct      120
165 acatcacccct gcaaattctct gtcacttcta atataaaaaat agggagaaat gatggagctt      180
167 atattcattg gcgattagga aactatcttg ttatacaaaa caatacagtt ctttacattt      240
169 gccttgtttt atgaatactc ctgaagaggt gtataacata atggtacaag cagggtagat      300
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173 <211> LENGTH: 300
174 <212> TYPE: DNA
175 <213> ORGANISM: Escherichia coli
177 <400> SEQUENCE: 10
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180 gttcaatctc ggccagcacc ccttcggtca aaccattact gccaaagcaga acaactggct      120
182 tgagcggatg tgccagacct ttcaggtgct gtttttgttt agtactcaga ttcattcgat      180
184 tttttgctta cgttgggatt gaaaacgggt cattctaccg ccatctccca tatatcacca      240
186 aataggcgcg taaaaattta cgcaattggt tacgatgagt tatccccatg ggaaagttaa      300
189 <210> SEQ ID NO: 11
190 <211> LENGTH: 300
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192 <213> ORGANISM: Escherichia coli
194 <400> SEQUENCE: 11
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197 caacgatgac ctgtaacct tttgtgcaca gccagcggtg gagcatttca tgtgttgta      120
199 gtgcagtggt gtcgcgtggg tgtccacaaa tgccaataca cttgaaatga ttattcattt      180
201 ttccgaggtc cttgttgcca agattgatga caatgtgagt gttcccttg aaaccctgaa      240
203 actgatcccc ataataagcg aagttagcga gatgaatgag aaaaaaacgc ggagaaaatt      300
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214 gaagcttgaa aaagccagac ccgcggaaca acccgctccc gtcaagtaat atcaatcagg      120
216 cacaagaaat tgtgcctgat tttttaacag cgacaagatg ccgtaaatca gatgctacaa      180
218 aatgtaaaat tgtgtctttc tggtgactta cgcactatcc agacttgaaa atagtcgcgt      240
220 aaccatacag atgtgggtat cgcattatgc gttttgttaa actgaggtaa aaagaaaatt      300
223 <210> SEQ ID NO: 13
224 <211> LENGTH: 300
225 <212> TYPE: DNA
226 <213> ORGANISM: Escherichia coli
228 <400> SEQUENCE: 13
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231 gagcaaattt tcggcgggcg cgttgtgaca tatacggaag atgagacttt cttctcttat      120
233 cgtcgcgaca agaccaccgg tcgtatggca agtttcattt ggctgatata acctaaagaa      180
235 tcaagacgat ccggtacgag tgattttctt ttcacattaa tctgggcaat aaccttgaat      240
237 aattgaggga tgacctcatt taatctccag tagcaacttt gatccgttat gggaggaggt      300
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Input Set : N:\Crif3\Datahold\EFS\09990099\p0012US20.ST25.txt

Output Set: N:\CRF3\03062002\I990099.raw

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250 tgaccacaat ataagctaaa cgcgattcgc aaccattca ggtagccggg gttaaccggc      180
252 tgctattaca ggagaaacct                                     200
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257 <212> TYPE: DNA
258 <213> ORGANISM: Escherichia coli
260 <400> SEQUENCE: 15
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263 aagatggcgg gtcatacaaa ctgcattcgg ctgcgcgcgg ggggttgaaa ccctcaaaat      120
265 ccccccatc tataattgca ttatgccccg tacttttgta cggggtttgt actctgtatt      180
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271 <211> LENGTH: 200
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278 cgggtgttagc gtaacaacaa aagattgtta tgcttgaaat atggtgatgc cgtaccata      120
280 acacagggac tagctgataa tccgtccata aggttacaat cggtagacga ggttttttca      180
282 attttatcca ggagacggaa                                     200
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286 <211> LENGTH: 200
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295 cttgaaatta ttctcccttg tccccatctc tcccacatcc tgtttttaac cttaaaatgg      180
297 cattattgag gtagacctac                                     200
300 <210> SEQ ID NO: 18
301 <211> LENGTH: 200
302 <212> TYPE: DNA
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308 tggtttacga cccatttag tagtcaaccg cagtgaagtga gtctgcaaaa aaatgaaatt      120
310 gggcagttga aaccagacgt ttcgccccta ttacagactc acaaccacat gatgaccgaa      180
312 tatatagtgg agacgtttag                                     200
315 <210> SEQ ID NO: 19
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318 <213> ORGANISM: Escherichia coli
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Input Set : N:\Crf3\Datahold\EFS\09990099\p0012US20.ST25.txt

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321 gtattctcct gactttctcc tgttccgggc tgatgaccag cgatttattt cagaaaatca      60
323 tcgcggatgc cgcaattgat gccggtcgtg atgtacaatt tatagagcag ttccgtcagg      120
325 cagccgatca tccggtgatc gctacctatc cggaagggct atatctgaaa gggtttgccct      180
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338 gatggagatt caggcctatt atgaaagctg cctgaaccgc caactgatca ccccttcaga      120
340 aagccttata gaataacacg ttgcgcgggc aggttatgct accctgtcgc gcaaattgct      180
342 tcaactctgga gatttccttc                                     200
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348 <213> ORGANISM: Escherichia coli
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355 cagtcctatgc aatagaccat aaactgcaaa aaaaagtccg ctgataaggc ttgaaaagtt      180
357 catttccaga cccattttta catcgtagcc gatgaggacg cgcctgatgg gtgttctggc      240
359 tacctgacct gtccattgtg gaaggtctta cattctcgct gatttcagga gctattgatt      300
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363 <211> LENGTH: 300
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365 <213> ORGANISM: Escherichia coli
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372 caggcgacaa cgcgcgatg gcttacatcg agctggttga tcgttcagag aaagcagaag      180
374 ctgctgcaga gtaatctgaa gcaacgtaaa aaaacccgcc ccggcggggt tttttatacc      240
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380 <211> LENGTH: 64
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391 <211> LENGTH: 64
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393 <213> ORGANISM: Escherichia coli
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398 atgc                                     64
401 <210> SEQ ID NO: 25
402 <211> LENGTH: 65

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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

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Input Set : N:\Crf3\Datahold\EFS\09990099\p0012US20.ST25.txt
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L:593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37